

Mentor Graphics (Holdings) Ltd. et al.  
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## Claims

1. Method of clocking an IP core during a debugging operation, characterised by switching from the clock used for testing a design mapped onto an emulator to a clock oscillator or any free-running clock source.

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2. The method of claim 1, wherein said clock oscillator is provided on the IP-Xpress board.

3. The method of claim 1 or 2, wherein the clock used for testing the design is a design clock used for testing is either:

- a) a clock sourced from the design mapped into the emulator
- b) a clock sourced directly from the emulators clock generator circuits
- c) a clock oscillator locally mounted on the IP-Xpress daughter board, or any free running clock source

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4. The method of claim 1, 2 or 3, comprising the step of monitoring signals specific to the IP core which indicate a breakpoint in order to detect the breakpoint.

5. The method of any of claims 1 to 4, wherein said switching is performed upon detecting that the breakpoint has been entered.

6. The method of any of claims 1 to 5, wherein the IP core is a microprocessor or a DSP.

- 30 7. System for clocking an IP core during a debugging operation, comprising switching means (1);  
a clock oscillator or any free-running clock source (2); and

control means for sending a control signal to the switching means (1) when the debugging operation is started for switching the switching means (1) to the clock oscillator or any free-running clock source(2).